

1) Tons of material which could not be carried by our two vessels and would have to be transported by other vessels: 6,500 tons.

2) Minimum space requirements at destination for a base site: 600,000 sq. ft. (plus wharf space for the marine vessels). Specific space requirements:

a) Hangar	-	40,000 sq. ft.
b) Concrete Ramp	-	180,000 "
c) Storage	-	34,800 "
d) Offices	-	40,000 "
e) Housing	-	620,000 "
f) Mess	-	9,000 "

3) Additional space which would be required if everything were to be moved ashore: 45,000 sq. ft. of hangar or shop space and 10,000 sq. ft. of storage space.

4) Minimum number of employees that would be needed for the present operation and present maintenance capacity:

Indigenous	1,530
Foreign	140 (plus)
Total	<u>1,670</u>
Dependents	<u>6,680</u> (Four per employee)
Grand Total	<u>8,350</u>

5) Number of new people required if none of these were evacuated: 2,000.

6) Minimum number of plane loads of material needed to go by air to keep operation going: 220 loads.

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~~EXPLANATION~~~~CONFIDENTIAL~~

1) Tons of material which could not be carried by our two vessels and would have to be transported by other vessels: 6,500 tons.

Cargo for commercial shipping was estimated by measurement tons, 40 cubic feet constituting 1 ton.

A "normal" or well-planned, unhurried evacuation was assumed. This means the least possible amount of disruption of LST shop operation before sailing, a corresponding short recovery time at the destination and the greatest use of commercial shipping. This precludes altering the floating shops in any way and sailing with everything intact. Only vital pieces of shore-based equipment, such as a fork-lift, truck and panel truck, would be carried besides as many aircraft engines as could be handled. Everything normally located on the wharf would go with the LST and barge except the LCM and the Engine Test Stand. Both of these items would be deck-loaded on a commercial vessel.

All of the supplies in the warehouses, except for some fast-moving items, which would be desirable to bulk-load on the barge, would be sent by commercial vessel. This includes about 140 crated engines. Besides 40 vehicles, about 500 tons of cargo would come from [REDACTED] for commercial shipping. This would include power generators and compressors, large work stands and the heavier shop equipment such as racks, work benches, cabinets, sheet metal shear and the like. Some supplies from the [REDACTED] Stores would also go by ship, such as tires and sheet stock and some USAF material. [REDACTED] Station has a truck which would be shipped to [REDACTED] for loading onto commercial vessel. [REDACTED] has approximately 700 tons of material which would have to be shipped, probably via [REDACTED]. This includes 20 vehicles, aircraft and automotive supplies, auto shop equipment and the like. Most of the office equipment would be flown. [REDACTED] has a truck which would be brought to [REDACTED] for surface shipping out of [REDACTED] along with the [REDACTED] vehicles and material.

2) The minimum space required at the destination for the Main Base is 600,000 sq. ft. (The present Main Base is 543,000 sq. ft., but probably more plane parking space would be required at the destination.)

#### Minimum space requirement for specific uses:

a) Hangar - 40,000 sq. ft. The present hangar is 27,000 sq. ft. In addition to this, there are shops and supporting activities in [REDACTED] which total 13,600 sq. ft. These include the following shops: Paint, Wood, Utility and Welding, Electronics and Automotive, and the following supporting activities: Power House, Fire Station, Construction Dept., Parts Control and Salvage. All of these shops need covered space, if not in a hangar then in an auxiliary building. The present [REDACTED] structures now used to house these shops are salvageable to a certain extent, say 30 to 40%, (Iron sheeting, ribs, purlins, windows, doors and light fixtures) and these could be dismantled, crated and shipped and re-erected at the destination if necessary. The minimum covered space for shops must be 40,000 sq. ft.

b) Storage - 34,800 sq. ft. This amount of storage space is in present use and represents the minimum required. 5,290 sq. ft. of this is devoted to USAF Supply; 20,120 sq. ft. is [REDACTED] Warehouse space and the remaining 9,390 sq. ft. is the total of the storage space of the Airfield in [REDACTED] Airfield and [REDACTED] Motor Pool.

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d) Offices - 40,000 sq. ft. This figure is made up of the areas of the [REDACTED] offices as follows:

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5,000 sq. ft.

15,840 sq. ft. (includes the old Clinic, O.D.Bldg., Customs Agent Office, Motor Pool Office as well as the enlarged Head Office)

19,230 sq. ft. (5,360 sq. ft. of which is devoted to Clinic, Mess Hall, Training, Security Barracks, Telephone Switchboard and Transmitter Room)

Total 40,070 sq. ft.

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e) Housing - 620,000 sq. ft. There are 1,530 indigenous personnel - 83 in [REDACTED]. Of these, it is estimated that 1,500 would need minimum housing for themselves and their dependents. 300 sq. ft. is taken as the minimum space for a family, giving 450,000 sq. ft. For the other 30, plus 140 foreigners, it is assumed that 1,000 sq. ft. would be the necessary minimum, for an additional 170,000 sq. ft. The total housing required would be at least 620,000 sq. ft.

f) Mess Space - 9,000 sq. ft. This is based on 1,700 employees taking their noontime meal only at the Base. If 50% were to be seated at once and the minimum space per man is 10 sq. ft., 8,500 sq. ft. would be required plus 500 sq. ft. for the kitchen, for a total of 9,000 sq. ft.

3) Additional space that would be required if everything were to be moved ashore: 45,000 sq. ft. of shop space and 10,000 sq. ft. of storage space.

At the present time, the LST shops encompass 27,000 sq. ft. of LST deck space, plus 3,000 sq. ft. of space on top of the barge "Buddha", for a total of 30,000 sq. ft. These shops are more closely arranged and tightly packed in than they would be if they were moved ashore. It is estimated that at least 50% more space would be required, for a total shop space of 45,000 sq. ft. The barge "Buddha" storage space is 7,830 sq. ft. To move ashore, an increase in space of approximately 30% would be required, for a total of 10,000 sq. ft.

4) Minimum number of employees that would be required for the present operation and present maintenance capacity: 1,530 indigenous plus 140 foreign personnel or a total of 1,670 employees. This figure does not include the considerable number of temporary employees and unskilled laborers presently employed, particularly at [REDACTED] and [REDACTED]

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5) Number of people required if none of these were evacuated is estimated at 2,000 persons. The reason for this is that it is very probable that skilled labor will be in short supply at the destination, necessitating the use of more men to do the same amount of work that is now being done by the present staff.

6) Minimum number of plane loads of material needed to go by air to keep the operation going: 220 loads.

Included in this estimate are all supplies, Company and USAF, presently at the Main Base; all [REDACTED] shop equipment except the heavier, little-used pieces; all office equipment including Library, Supply Control, Accounting, Planning, etc; the Clinic, Traffic and Operations, some fire equipment. Also some 50 plane-loads are devoted to essential or operating personnel and essential miscellaneous or unforeseen loads. 25X1A6a

It must be emphasized that all of the above figures are rough estimates only and should be used as a basis for preliminary planning only,